

Converting Colors

$Yxy(19.5023, 0.3371, 0.4112)$

Have a look what the booklet for
Yxy(19.5023, 0.3371, 0.4112)
contains.

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Color

Yxy(19.5060, 0.3372, 0.4112)

Conversions

Conversions Part 1

Format	Color
Hex	6F8057
RGB	111, 128, 87
RGB Percent	44%, 50%, 34%
CMY	0.5647, 0.4980, 0.6589
CMYK	0.13, 0.00, 0.32, 0.50
HSL	85°, 19%, 42%
HSV	85°, 32%, 50%
XYZ	15.9957, 19.5060, 11.9351
YIQ	118.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

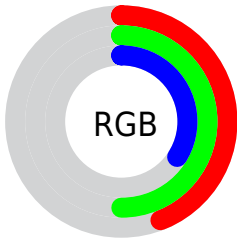
Format	Color
RYB	87, 128, 104
Decimal	7307351
CIELab	51.27, -13.92, 20.27
CIELCh	51, 24.593, 124.477
Yxy	19.5060, 0.3372, 0.4112
Android (android.graphics.Color)	4285497431 (0xFF6F8057)
YUV	118.2430, -15.4028, -6.3521
Hunter-Lab	44.1656, -12.6415, 14.8937

Details

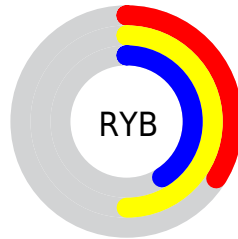
The Yxy color **19.5060, 0.3372, 0.4112** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3137, 0.2813, 0.2447**, and the grayscale version is **18.2461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6404, 0.3323, 0.3920**, and **6.8088, 0.3454, 0.4482** is the 20% darker color. If you saturate the color by 10%, you get **18.9821, 0.3439, 0.4389**, and if you desaturate by 10%, it is **20.0892, 0.3298, 0.3840**.

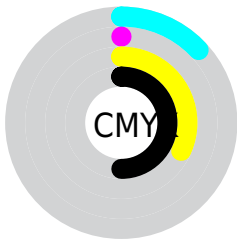
Distribution



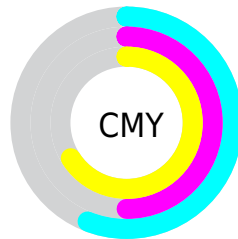
- Red (44%)
- Green (50%)
- Blue (34%)



- Red (34%)
- Yellow (50%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (32%)
- Black (50%)




- Cyan (56%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5060, 0.3372, 0.4112 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 19.5060, 0.3372, 0.4112 by changing the saturation by 10% instead.


 19.5060, 0.3372,
0.4112


 19.5060, 0.3372,
0.4112

249.2281, 0.3241,
0.3629


 12.0365, 0.3405,
0.4264


 42.5874, 0.3323,
0.3915


 6.7685, 0.3446,
0.4484


 58.9680, 0.3305,
0.3848


 3.3178, 0.3493,
0.4823


 79.0878, 0.3290,
0.3794

 1.2998, 0.3944,
0.6056

 103.3312, 0.3277,
0.3749

 0.1410, 0.0000,
1.0000

 132.0825, 0.3266,
0.3712

 0.0000, 0.0000,
0.0000

165.7262, 0.3257,

0.3680

204.6466, 0.3248,
0.3653

■ 19.5060, 0.3372,
0.4112

■ 19.5060, 0.3372,
0.4112

■ 18.9821, 0.3439,
0.4389

■ 20.0892, 0.3298,
0.3840

■ 18.5125, 0.3495,
0.4663

■ 20.7311, 0.3221,
0.3581

■ 18.0956, 0.3535,
0.4923


■ 21.4348, 0.3143,
0.3337


■ 17.7287, 0.3557,
0.5155


■ 22.2021, 0.3066,
0.3113


■ 17.4087, 0.3557,
0.5349


■ 23.0349, 0.2993,
0.2908


 17.1320, 0.3535,
0.5497

 23.9349, 0.2923,
0.2722

 16.9340, 0.3509,
0.5596

 24.9038, 0.2857,
0.2555

 25.9431, 0.2796,
0.2405

 27.0545, 0.2739,
0.2270

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.5060, 0.3779, 0.4056



19.5060, 0.3372, 0.4112



19.5060, 0.2918, 0.3898

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.5060, 0.3372, 0.4112



19.5060, 0.2303, 0.2709



19.5060, 0.3733, 0.3079

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.5060, 0.3372, 0.4112



11.3137, 0.2813, 0.2447

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.5060, 0.3293, 0.2777



19.5060, 0.3372, 0.4112



19.5060, 0.2483, 0.2561

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.5060, 0.3372, 0.4112



19.5060, 0.2321, 0.3035



19.5060, 0.2835, 0.2591



19.5060, 0.4006, 0.3441

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.5060, 0.3372, 0.4112



19.5060, 0.2650, 0.3632



19.5060, 0.2835, 0.2591



19.5060, 0.3598, 0.2968

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.5069, 0.3372, 0.4112



36.7163, 0.3207, 0.3535



15.0556, 0.3722, 0.3613



8.5631, 0.3216, 0.3565



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.5069, 0.3372, 0.4112



33.7025, 0.3419, 0.4301



18.3550, 0.3131, 0.4177



4.9334, 0.3198, 0.3507



16.7918, 0.3509, 0.5595



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.3137, 0.2813, 0.2447



17.0533, 0.2729, 0.2246



12.6499, 0.3102, 0.2515



4.2919, 0.3052, 0.3072



2.2970, 0.1898, 0.0819



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.5060, 0.3372, 0.4112 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.5060, 0.3372, 0.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

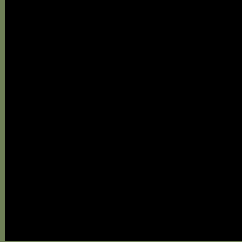
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.5060, 0.3372, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 19.5060, 0.3372, 0.4112.



This preview shows how white text looks on a background with the Yxy color 19.5060, 0.3372, 0.4112.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.5060, 0.3372, 0.4112

Protanopia

19.4647, 0.3709, 0.3994

Deuteranopia

19.3731, 0.3842, 0.3784



Tritanopia

19.3669, 0.2957, 0.3103

Trichromacy



Original Color

19.5060, 0.3372, 0.4112

Protanomaly

19.3563, 0.3579, 0.4037

Deuteranomaly

19.2849, 0.3667, 0.3904

Tritanomaly

19.3211, 0.3108, 0.3445

Monochromacy



Original Color

19.5060, 0.3372, 0.4112

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.6254, 0.3212, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5060, 0.3372, 0.4112 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 128, 87)` looks like.

```
.text, #text, p{  
    color:rgb(111, 128, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 128, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 128, 87) }
```

Border

The CSS property to change the border of an element to Yxy 19.5060, 0.3372, 0.4112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 128, 87) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 128, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 128, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 128, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 128, 87);  
box-shadow:4px 4px 4px 4px rgb(111, 128,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5060, 0.3372, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 128, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
128, 87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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